

INTERNATIONAL SEARCH REPORT

PCT/FR 03/03379

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B28B13/02 B28B1/26

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 B28B C04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	CA 2 124 863 A (MARPLE BASIL ;BOULANGER JEAN (CA)) 19 November 1995 (1995-11-19)	12
A	page 6 page 8, line 18 -page 9, line 26 page 10; figure 1A	1-11
A	US 2 521 128 A (RAMSAY WILLIAM S) 5 September 1950 (1950-09-05) the whole document	1,2,4,5, 9,11
A	US 1 694 563 A (ROSS DONALD W ET AL) 11 December 1928 (1928-12-11) page 2, line 27 - line 105; figure 1	1,4,9,11
A	US 5 948 335 A (GAUCKLER LUDWIG J ET AL) 7 September 1999 (1999-09-07) the whole document	1,9,11

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *S* document member of the same patent family

Date of the actual completion of the international search

1 April 2004

Date of mailing of the international search report

08/04/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Fageot, P

INTERNATIONAL SEARCH REPORT

Information on patent family members

PCT/FR 03/03379

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
CA 2124863	A	19-11-1995	CA 2124863 A1	19-11-1995
US 2521128	A	05-09-1950	NONE	
US 1694563	A	11-12-1928	NONE	
US 5948335	A	07-09-1999	US 5788891 A	04-08-1998
			US 6558613 B1	06-05-2003
			US 6136241 A	24-10-2000